HEWLETT-PACKARD COMPANY stellectual Property Administration. Box 272400 Fort Callins, Colorado 80527-2400

PATENT APPLICATION ~

ATTORNEY DOCKET NO. 100111238-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DEMARK DEVENTOR(S):

S. Brandon Keller, et al.

Confirmation No.: 2946

Application No.: 10/647,688

Examiner:

Stocy Whitmore

Filing Date:

Aug. 25, 2003

Group Art Unit: 2825

Title:

SYSTEM AND METHOD FOR ITERATIVELY TRAVERSING A HIERARCHICAL CIRCUIT

Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.97(b), or (Within three months of filling national application; or date of entry of national application; or before ... mailing date of first office action on the merits; whichever occurs last)

() under 37 CFR 1.97(c) together with either a

() Statement under 37 CFR 1.97(e), or

() a \$180.00 fee under 37 CFR.1.17(p), or

(After the CFR 1.97 (b) time period, but before find action or notice of allowance, whichever occurs first)

(X) under 37 CFR 1.97 (d) together with a

(X) Statement under 37 CFR 1.97(e)(1) or (2), and

(x) a \$180.00 fee set forth in 37 CFR 1.17(p).

(Filed after find action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$180.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1,25.

- Applicant(s) submit herewith Form PTO 1449 Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.
- () A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PJO 1449 and is endosed herewith. 106476

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV413219586US

Date of Deposit Dec. 1, 2005

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner 22313-1450. Patents, Alexandria

Typed Name: Melissa Smith

Respectfully submitted,

S. Brandon Keller, et al.

Curtis A. Vock

Attorney/Agent for Applicant(s)

Reg. No. 38,356

Date: **Dec. 1, 2005**

Telephone No.: (720) 931-3011

12/05/2005 HVUONG1 00000003 082025

PATENT APPLICATION

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DESIGN

Mail Stop Amendment Commissioner for Parents PO Box 1450 Alexandria, VA 22313-1450

STATEMENT UNDER 37 CFR 1.97(e)

Sir:

The undersigned hereby certifies that either:

- () Each item of information contained in the Information Disclosure Statement was atted for the first time in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, or
- (X) No item of information contained in the Information Disclosure Statement
 - -- was cited in a communication from a foreign patent office in a counterpart foreign application, and
 - -- to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56 (c) more than three months prior to the filing of the Information Disclosure Statement.

Respectfully submitted.

S. Brandon Keller, et al.

Curtis A. Vook

Attorney/Agent for Applicant(s)

Reg. No. 38,356

Date: Dec. 1, 2005

Telephone No.: (720) 931-3011

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
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Substitute for form 1449A/PTO

TRATE THADE

Sheet

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

	Complete if Known	
Application Number	10/647,688	
Filing Date	August 25, 2003	
First Named Inventor	S. Brandon Keller	
Art Unit	2825	
Examiner Name	Stacy Whitmore	
Attorney Docket Number	100111238-1	

			U.S. PATENT D	OCUMENTS	
Examiner Initials *	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,831,869	11-03-1998	Ellis, et al.	rigures Appear
		US-6,028,991	02-22-2000	Akashi	
		US-6,230,299	05-08-2001	McSherry, et al.	
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		US-2002/002701	01-03-2002	Usami, et al.	
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		US-2004/0199880	10-07-2004	Kresh, et al.	
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		FOREIGN PA	TENT DOCU	MENTS		
Examiner Cite	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶ .
Initials*	Initials* No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)				
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Examiner Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\)Applicant's unique citation designation number (optional). \(^2\)See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \(^3\)Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\)For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \(^5\)Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \(^6\)Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.